

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-001545**Date Inspected:** 02-Mar-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1930**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 730**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China

CWI Name:	Wu Ming Kai			CWI Present:	Yes	No	
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006			Component:	WT Stiffeners		

Summary of Items Observed:

This Quality Assurance inspector arrived at ZPMC and performed Ultrasonic Testing (UT) verification for the butt weld splices of WT Stiffener plates for bottom and side plates with varying thickness ranges that included 16mm, 20mm and 22mm. ZPMC had previously performed UT inspection of the weldments and was informed verbally by Quality Control/Certified Welding Inspector (QC/CWI) Wu Ming Kai that the weldments were ready for QA verification and there locations. The Following are the plate numbers located in Bay 3 and Bay 2 of the new OBG shop; SP039-01-071 16mm thickness , SP069-01-001 16mm thickness , SP017-01-001 22mm thickness , BP005-01-001 20mm thickness , SP057-01-053 16mm thickness and SP045-01-001 16mm thickness. This QA inspector's verification with UT returned no rejectable indications within the 10% verified a TL-6027 UT report will be generated for these areas. ZPMC QC personnel were seen performing Radiographic Testing (RT) in bay 2 for plate splices After speaking with QC this QA inspector was given piece numbers for the RT that was performed as follows; DP052-001-011 splice plates PL 112A to PL 112C, DP055-001-011 splice plates PL 123A to PL 123B, DP054-001-011 splice plates PL 113B to PL 113D, DP050-001-011 splice plates PL 112B to PL 112D, DP051-001-011 splice plates PL 121A to PL 121B and DP003-001-011 splice plates PL 3A to PL 3B. The Rt appeared to be completed by 2330 hrs. The above work was performed within the general requirements of the contract documents.

Summary of Conversations:

As Noted in the content above.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials

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for your project.

Inspected By:	Riley, Ken	Quality Assurance Inspector
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Reviewed By:	Hager, Craig	QA Reviewer
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